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(54) **DATA RECORDING AND REPRODUCING
APPARATUS AND DATA-INPUT-FORMAT
CONVERSION METHOD**

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(57) Abstract:

PROBLEM TO BE SOLVED: To convert data photographed in a field format into data on a frame format so as to be recorded.

SOLUTION: The data recording and reproducing apparatus is provided with first storage means 205a, 205b, 205c wherein a first storage region which stores image data on odd fields to be input from input/output means 301a, 301b, 301c, and a second storage region which stores image data on even fields are provided; second storage means 205d, 205e, 205f wherein a third region which stores image data on the odd fields to be input from the input/output means 301a, 301b, 301c and a fourth storage region which stores image data on the even fields are provided; a control means 250 which controls the read operation and the write operation of the image data; and a frame-image-data generation means which generates image data in units of frames from the read- out image data on the odd and even fields.

